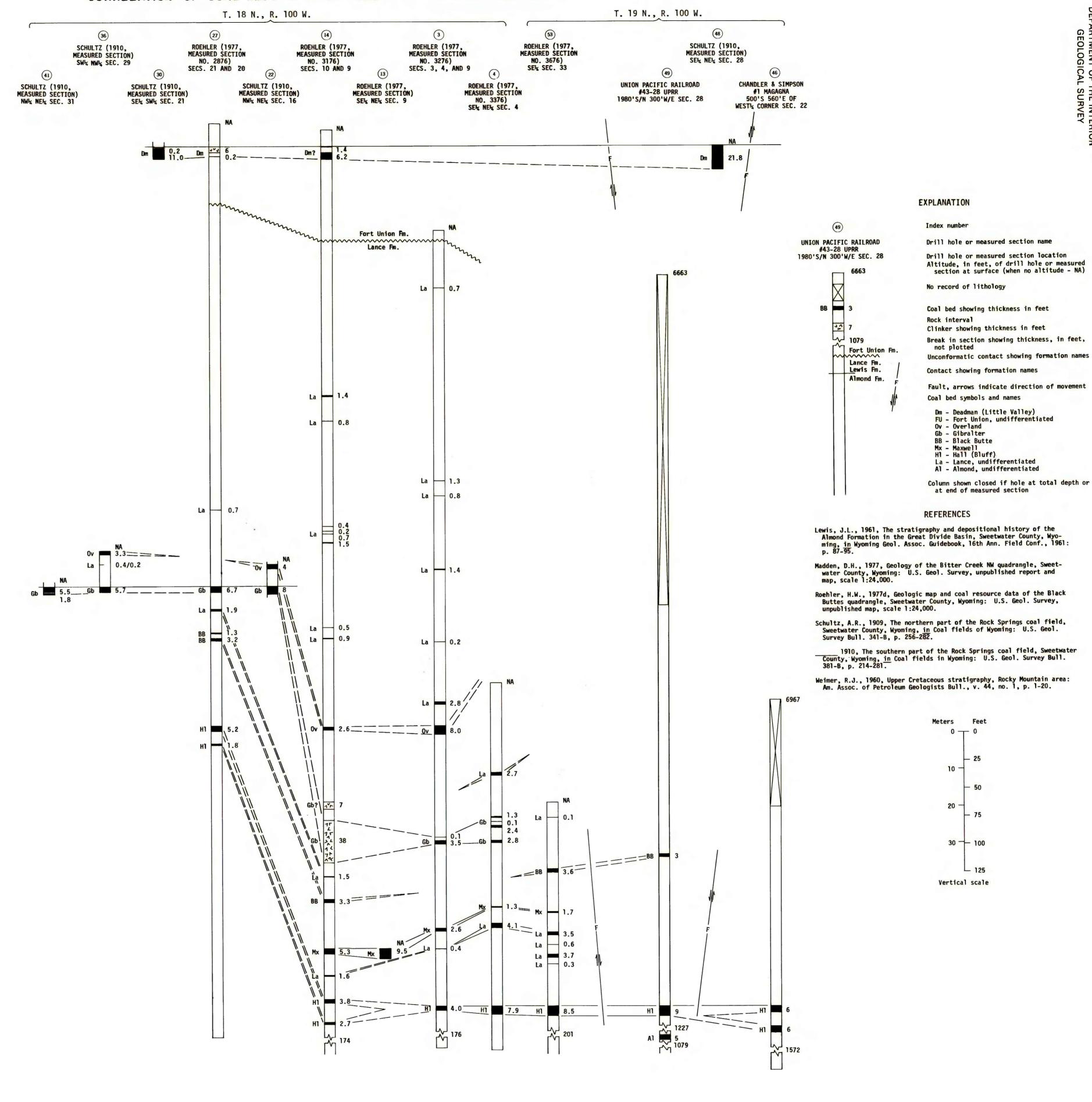
_	_			E COLUMNAR SECTION
SYSTEM	SERIES	FORMATION	COAL BED NAME	LITHOLOGIC DESCRIPTION
<pre> TERTIARY </pre>	PALEOCENE	FORT UNION FM	Leaf Big Burn Hail	1 2 1. Coal 3 2. Coal 3. Coal 4. Sandstone, gray, fine- to medium-grained, calcareous; interbedded with light-gray shale, siltstone, and coal 5. Coal 4 6. Coal 7. Unconformity 8. Shale, gray and tan, with thin beds of silt- stone, sandstone, and coal 9. Coal 10. Coal 11. Coal 12. Coal 13. Coal 14. Sandstone, gray to white, fine- to medium-
CRETACEOUS	UPPER CRETACEOUS	LANCE FORMATION	Overland Gibralter Black Butte Maxwell	grained, fossiliferous, cross-stratified 15. Shale with occasional coal 16. Sandstone, gray to white, fine- to medium- grained, fossiliferous, cross-stratified 17. Shale, dark-bluish-gray, gypsiferous, with thin sandstones 18. Sandstone, light-gray to buff weathering, fine-grained, well-bedded 19. Coal 20. Shale, carbonaceous; siltstone and thin sand- stone 21. Coal 22. Coal 23. Interbedded shale, siltstone, sandstone, and coal 24. Sandstone, white, fine- to medium-grained, massive, cross-bedded with occasional coarse-grained layers 9 10 11
		FOX HILLS SANDSTONE	Hall	13 14 15 16
		LEWIS SHALE		17
		MESAVERDE GROUP	Magpie Lebar Rider Lebar	Meters Feet 0 — 0 25 — 100 50 — 200 75 — 300 20 21 22 125 — 400 23 Vertical scale



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY